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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Comaniciu et al. Docket: 2003P01633US01

(8706-696)

Serial No.: Concurrently herewith

Filed: Unassigned

Date: February 2, 2004

For: REAL-TIME OBSTACLE DETECTION WITH A CALIBRATED

CAMERA AND KNOWN EGO-MOTION

MAIL STOP PATENT APPLICATION Commissioner for Patents PO Box 1450 Alexandria VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to Applicant(s) duty of disclosure, the information listed in the attached form PTO-1449 is brought to the attention of the Examiner. Copies of the listed items are enclosed.

The citation of the listed items is not a representation that they constitute a complete or exhaustive listing of the relevant art or that the references are prior art. The items listed are submitted in good faith, but are not intended to substitute for the Examiner's search. It is hoped,

however, that in addition to apprising the Examiner of these particular items, they will assist in identifying fields of search and in making as full and complete a search as possible.

The filing of this information disclosure statement is not an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

- [X] This information disclosure statement is being filed within three (3) months of the filing date of this application.
- [X] Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. § 1.16 and/or 1.17 at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account 19-2179. Also, in the event any extensions of time for responding are required for the pending application(s), please treat this paper as a petition to extend the time as required and charge Deposit Account No. 19-2179 therefor. A copy of this sheet is enclosed.

The claims of the application as now presented are believed to patentably distinguish over the prior art and to be

in condition for allowance. Early and favorable consideration of the case is respectfully requested.

Respectfully submitted,

By:

Donald B. Paschburg, Esq.

Reg. No. 33,753

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(732) 321-3191
(732) 321-3030 (FAX)

Sheet $\underline{1}$ of $\underline{1}$

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TRADEMARK		PATI	ENT.	AND		2003 P 01633 US01 (8706-696)			Unassigned			
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	1.	Massimo Bertozzi, et al., "Sensing of Automotive Environments Using Stereo Vision", 97RO044										
	2.		Heinrich Niemann, et al. "Integrated Motion and Geometry Based Obstacle Detection in Image Sequences of Traffic Scenes" Proceedings SPIE, 2736, 1996 pp.228-239.									
	3.	 Serge Beucher, et al. "Road Monitoring and Obstacle Detection System by Image Analysis and Mathem Morphology" pp. 1-12 										
	4.	Simo	Simon J. Julier, et al. "A Non-divergent Estimation Algorithm in the Presence of Unknown Correlations"									
	5.	Ling	ji Ch	en, e	t al. "	Estimation Unc	er Unknown Correlation: Covariance Intersection Revisited", pp. 1-9					
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